

Development of Nondestructive Evaluation Methods for Structural Ceramics and Ceramic Coatings

Project Lead



Argonne National
Laboratory (ANL)
Argonne, IL

Description

The purpose of this project is to develop nondestructive (NDE) techniques that can be used to characterize structural ceramics (with emphasis on continuous fibers) and detect flaws in early stages of processing, as well as in final densified state. The NDE techniques being developed include (a) 3-D X-ray computed tomography, (b) thermal imaging, and (c) air-coupled ultrasound.

Duration: 10/1/97 - 9/30/01

Product Support Areas

Gasification Technologies	Combustion Technologies	Sequestration	Environmental & Water Resources	Advanced Turbine & Engines	Fuel Cells
					



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Contact Information

Robert Romanosky
NETL Product Manager
(304) 285-4721
robert.romanosky@netl.doe.gov

Udaya Rao
NETL Project Manager
(412) 386-4743
udaya.rao@netl.doe.gov